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## College Improvements

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# College Improvements

Within the past year a great deal of remodeling has been completed in the Veterinary Clinic building as well as in the Department of Physiology and Pharmacology in the Veterinary Quadrangle building.

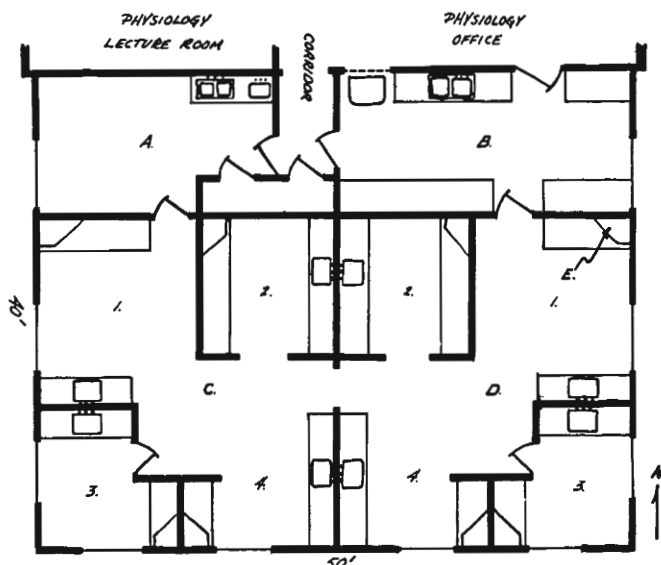
Both the equine and bovine surgery areas are now enclosed. Procedures in these rooms are now facilitated by the presence of a controlled environment system. The temperature and humidity are kept constant while the rooms are under a positive pressure. The positive pressure tends to eliminate any air-borne contamination, especially while the doors are open.

Between the two new surgery areas is a small scrub room equipped with two new, large scrub sinks with "knee action" water control. The total cost of the remodeling in the large animal area was approximately \$40,000.

In the small animal clinic we now have acoustic tile on the ceiling and upper walls of the hall. New fluorescent lights, doors at the end of the hall and new floor tile have also been added. New scrub sinks have been added to both small animal surgery rooms. The cages in the kennel rooms are also being repaired and repainted.



The newly remodeled equine surgery room showing the new hydraulic table and observation windows. Dr. Lundvall is doing surgery assisted by Jerry Thompson, a senior student.

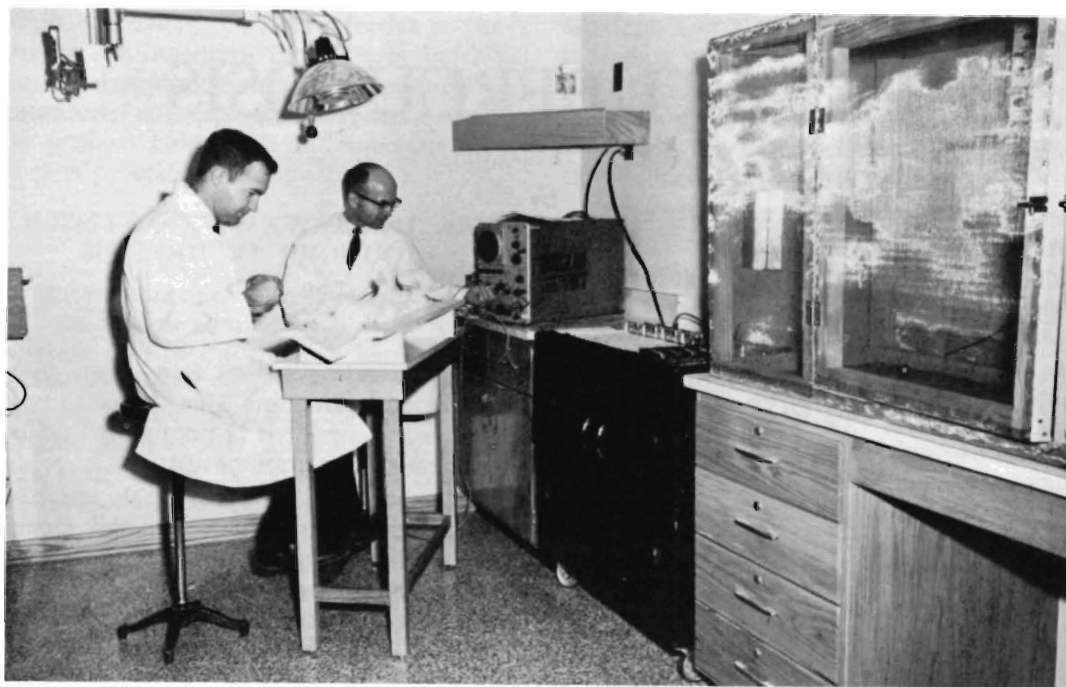


**PHYSIOLOGY STUDENT LABORATORY.** A. Animal room, B. Drug and equipment room, C. Discussion areas, 1, 2, 3, 4, modules for student groups.

The Section of Veterinary Obstetrics and Radiology within the department of Veterinary Clinical Sciences has greatly increased its efficiency in radiographic processing by the addition of a Kodak X-Omat automatic film processor. The processor has reduced the developing time of exposed radiographic film from over two hours to seven minutes. The processor can handle films ranging in size from 5 by 7 inches to 14 by 36 inches with the capacity to process 115 film sheets of intermixed sizes per hour or 17 inches per minute of continuous roll film. Developing, fixing, washing, and drying all take place in a continuous operation with a dry developed film the end result. The X-Omat provides service for emergency surgery, increased economy and processing capacity, and produces a product of uniform quality.



Mrs. Houser removing a developed radiograph from the Kodak X-omat automatic film processor.



**One of the new modules now in use in the Department of Physiology and Pharmacology.**

The teaching laboratories for physiology and pharmacology have been remodeled. The two laboratories were completely vacated by removing the old tables and fixtures. The completed laboratories have new cabinets with many accessories and additional fixtures. Closed circuit TV is planned. The conduits are installed waiting for the coaxial cable from WOI to be extended to the College of Veterinary Medicine.

The laboratories consist of eight specialized modules, compressed gas room, an animal room, and a chemical, drug and preparation room. In each of the eight modules four or five students may work. The Department has been teaching laboratories by this means the past seven and one-half years. The Department has four physiographs (electronic recorders) but

needs four more to complete the recording equipment in addition to oscilloscopes. Surgery lamps, animal tables, three oscilloscopes, and other equipment are available to students in the modules.

Electrical outlets are placed 5 inches from the floor to prevent explosions when volatile anesthetics are used. A conductile floor tile is laid to eliminate any possible source of spark in starting fires or explosions. The animal room permits students to observe their animals before and after the laboratory periods.

These laboratories are planned to be used not only by undergraduate but also graduate students. Conduits for a distribution system are installed. More money is needed to install this system which permits data from one animal to be recorded on electronic recorders in other modules.